

WHAT IS CLAIMED IS:

1. An ink jet recording apparatus comprising:
recording means for forming an image by
sticking recording fluid onto a recording material
5 and;
a detachable and exchangeable supplies
container for containing the recording fluid used by
said recording means;
and wherein
10 said supplies container includes therein a
supplies container for containing fuel for a fuel
cell, and a hybrid cell comprised of said fuel cell
and a secondary cell as a power supply system, and
in a case where said supplies container is
15 mounted to said ink jet recording apparatus, when
said ink jet recording apparatus is not driven, said
power supply system stores an electric power
generated by said fuel cell into said secondary cell.
- 20 2. An ink jet recording apparatus according to
claim 1, wherein said supplies container is a
container integrally containing the recording fluid
used by said recording means, the recording material
and the fuel for said fuel cell.
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3. An ink jet recording apparatus according to
claim 1, wherein said secondary cell has a capacity

capable of storing the electric power generated by said fuel cell using the fuel contained in said supplies container.

5 4. An ink jet recording apparatus according to claim 1, further comprising information transmitting means for receiving image information for image formation performed by said recording means from an external device, and wherein said information
10 transmitting means are an interface of radio type.

5. An ink jet recording apparatus according to claim 1, wherein said fuel cell is a direct methanol fuel cell (DMFC).

15 6. A recording apparatus comprising:
 a cartridge detachable to a main body of said recording apparatus and adapted to contain a sheet;
 conveying means for conveying the sheet
20 contained in said cartridge;
 recording head holding means for holding a recording head for recording an image on the sheet conveyed by said conveying means;
 a fuel cell for generating an electric power
25 for operating said recording apparatus; and
 a storing portion provided in said cartridge and adapted to store fuel for said fuel cell.

7. A recording apparatus according to claim 6,
further comprising a secondary cell capable of
storing the electric power generated by said fuel
cell.

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8. A recording apparatus according to claim 6,
wherein said fuel cell is a direct methanol fuel cell
(DMFC).

10 9. A cartridge detachable to a recording
apparatus having recording means for recording on a
sheet and a fuel cell, and containing the sheet to be
supplied to said recording apparatus, said cartridge
comprising:

15 a storing portion for storing a fuel to be
supplied to said fuel cell.

10. A cartridge detachable to a recording
apparatus having recording means for recording on a
sheet and a fuel cell, and containing ink to be
supplied to said recording apparatus, said cartridge
comprising:

 a storing portion for storing a fuel to be
supplied to said fuel cell.

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